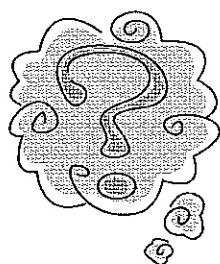


# TYPES OF QUESTIONS



1. **LITERATURE RESEARCH QUESTIONS:** These questions can be answered by locating answers to questions in books and articles, or on maps and graphs, etc.
2. **OBSERVATION ONLY QUESTIONS:** These questions can be answered by observing things around you.
3. **DEMONSTRATION QUESTIONS:** These questions can be answered by making a model or performing a demonstration.
4. **INVESTIGATION QUESTIONS:** These questions can be answered by testing a hypothesis, making observations, analyzing your observations, and drawing conclusions.

LITERATURE  
RESEARCH

OBSERVATION ONLY

DEMONSTRATION

INVESTIGATION

WHAT INSECTS CAN YOU FIND IN A ONE SQUARE FOOT AREA OF THE SCHOOL YARD?

HOW WOULD YOU DETERMINE THE pH OF VINEGAR USING CABBAGE JUICE AS AN INDICATOR?

DO VIOLETS MAKE MORE FLOWERS EXPOSED TO MANY OR FEW HOURS OF LIGHT?

HOW DOES A NUCLEAR POWER PLANT PRODUCT ENERGY?

WHAT ARE 5 TYPES OF BIRDS MOST COMMONLY FOUND IN CALIFORNIA?

WHY DO SOME TREES CHANGE COLOR IN THE FALL?

DO GERMINATING SEEDS PRODUCE HEAT?

WILL MOLD GROW MORE QUICKLY ON TOASTED BREAD OR ON UNTOASTED BREAD?

CAN YOU IDENTIFY DIFFERENT ELEMENTS USING A FLAME TEST?

DOES KENTUCKY BLUEGRASS OR BERMUDA GRASS BEST HELP PREVENT SOIL EROSION?

DO SEEDS GERMINATE FASTER IN AN ACID, BASIC, OR NEUTRAL ENVIRONMENT?

HOW WOULD YOU ILLUSTRATE THE ACTION OF A VOLCANO?

WHAT ARE FIVE DISEASES CAUSED BY VIRUSES?

CAN YOU BLOW UP A BALLOON WITH YEAST CELLS AND A BOTTLE?

WHAT PRODUCTS IN YOUR KITCHEN ARE ACIDS?

WHAT TYPES OF BIRDS INHABIT YOUR BACK YARD?

WHAT PRODUCTS IN THE SNACK BAR ARE SOLD BY METRIC MEASUREMENTS?

WHAT TYPE OF PLANTS ARE INSECTIVOROUS?

CAN YOU SEPARATE PLANT PIGMENTS USING CHROMATOGRAPHY?

WILL WASHING YOUR HANDS WITH SOAP REMOVE MORE BACTERIA THAN WASHING THEM WITHOUT SOAP?